

**CLAIMS**

What is claimed is:

1. A crystalline solvate comprising: a toluene-containing epothilone B  
5 clathrate.

2. The crystalline solvate according to claim 1 characterized by unit cell  
parameters approximately equal to the following:

Cell dimensions:	$a = 11.853(1) \text{ \AA}$
10	$b = 10.613(2) \text{ \AA}$
	$c = 14.328(2) \text{ \AA}$
	Volume = $1659(1) \text{ \AA}^3$
15	Space group $P2_1$
	Molecules/unit cell 4
	Density (calculated) (g/cm <sup>3</sup> ) 1.201

wherein the crystalline solvate is at a temperature of about -33°C.

3. The crystalline solvate according to claim 1 wherein said crystalline solvate  
is characterized by peaks in a powder x-diffraction pattern at a value of two  
20 theta (CuK $\alpha$   $\lambda=1.5418\text{\AA}$ ) of about 13.4, 20.2, 22.0, and 24.9, at a temperature  
of 23°C .

4. The crystalline solvate according to claim 3 wherein said crystalline solvate  
is further characterized by peaks in a powder x-ray diffraction pattern at a  
25 value of two theta (CuK $\alpha$   $\lambda=1.5418 \text{ \AA}$ ) of about 6.7, 8.2, 11.7, 12.7, 15.0, 15.8,  
16.7, 18.5, 20.9, 21.5, 24.3, 26.3, 28.5, and 30.1, at a temperature of 23°C.

5. The crystalline solvate according to claim 1, which comprises about one  
molecule of toluene per one molecule of the epothilone B.

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6. The crystalline solvate according to claim 5 characterized by unit cell  
parameters approximately equal to the following:

	Cell dimensions:	$a = 11.853(1) \text{ \AA}$
		$b = 10.613(2) \text{ \AA}$
		$c = 14.328(2) \text{ \AA}$
		Volume = $1659(1) \text{ \AA}^3$
5	Space group	$P2_1$
	Molecules/unit cell	4
	Density (calculated) (g/cm <sup>3</sup> )	1.201

wherein the crystalline solvate is at a temperature of about -33°C.

10 7. The crystalline solvate according to claim 5 wherein said crystalline solvate is characterized by peaks in a powder x-diffraction pattern at a value of two theta (CuK $\alpha$   $\lambda=1.5418\text{\AA}$ ) of about 13.4, 20.2, 22.0, and 24.9, at a temperature of 23°C .

15 8. The crystalline solvate according to claim 7 wherein said crystalline solvate is further characterized by peaks in a powder x-ray diffraction pattern at a value of two theta (CuK $\alpha$   $\lambda=1.5418 \text{ \AA}$ ) of about 6.7, 8.2, 11.7, 12.7, 15.0, 15.8, 16.7, 18.5, 20.9, 21.5, 24.3, 26.3, 28.5, and 30.1, at a temperature of 23°C.

20 9. The crystalline solvate according to claim 1 characterized by: fractional atomic coordinates substantially as listed in Table 5.